Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8234	((438/3) or (438/239-256) or (438/386-399)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/05/13 16:06
L2	1	("6580111").PN.	US-PGPUB; USPAT	OR	OFF	2005/05/13 16:06
L3	1	2 and (silicon polysilicon poly)	US-PGPUB; USPAT	OR	OFF	2005/05/13 16:15
L4	807	1 and (tin or (titanium adj nitride)) with (polysilicon poly)	US-PGPUB; USPAT	OR	OFF	2005/05/13 16:15
L5	174	1 and ((tin or (titanium adj nitride)) with (polysilicon poly)) with ((bottom lower) near2 (electrode plate))	US-PGPUB; USPAT	OR	OFF	2005/05/13 16:16
L6	149	5 not (@ad>"20030630" or @rlad>"20030630")	US-PGPUB; USPAT	OR	OFF	2005/05/13 16:18
L7	29	6 and (((hafnium aluminum) adj oxide) "hfo.sub.2" "al.sub.2 o.sub.3")	US-PGPUB; USPAT	OR	OFF	2005/05/13 16:19
S2	2248	((aluminum adj oxide) "al.sub.2 o.sub.3" alumina "al.sub.x O.sub.y") with ((hafnium adj oxide) "HfO.sub.2" "HfO")	US-PGPUB; USPAT	OR	OFF	2004/11/12 17:44
S3	0	((aluminum adj oxide) "al.sub.2 o.sub.3" alumina "al.sub.x O.sub.y") with ((hafnium adj oxide) "HfO.sub.2" "HfO") same (hf-rich al-rich)	US-PGPUB; USPAT	OR	OFF	2004/11/12 13:15
S4	9	((aluminum adj oxide) "al.sub.2 o.sub.3" alumina "al.sub.x O.sub.y") with ((hafnium adj oxide) "HfO.sub.2" "HfO") same (rich)	US-PGPUB; USPAT	OR	OFF	2004/11/12 13:15
S5	11	((aluminum adj oxide) "al.sub.2 o.sub.3" alumina "al.sub.x O.sub.y") with ((hafnium adj oxide) "HfO.sub.2" "HfO") same (rich)	US-PGPUB; USPAT	OR	ON	2004/11/12 13:25
S6	2128	((438/3) or (438/240)).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/11/12 13:29
S7	7592	((438/3) or (438/239-256) or (438/386-399)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/05/13 16:05
S8	61	S2 and S6	US-PGPUB; USPAT	OR	OFF	2004/11/12 13:31
S9	112	S2 and S7	US-PGPUB; USPAT	OR	OFF	2004/11/12 13:31
S10	2301	((aluminum adj oxide) "al.sub.2 o.sub.3" alumina "al.sub.x O.sub.y") with ((hafnium adj oxide) "HfO.sub.2" "HfO")	US-PGPUB; USPAT	OR	ON	2004/11/12 13:30

S11	61	S10 and S6	US-PGPUB; USPAT	OR	OFF	2004/11/12 13:32
S12	114	S10 and S7	US-PGPUB; USPAT	OR	OFF	2004/11/12 13:32
S13	114	S11 or S12	US-PGPUB; USPAT	OR	OFF	2004/11/12 13:32
S22	96	S13 not (@ad>"20030630" or @rlad>"20030630")	US-PGPUB; USPAT	OR	OFF	2005/05/13 16:16
S23	18	S13 not S22	US-PGPUB; USPAT	OR	OFF	2004/11/12 13:48
S24	96	S13 not S23	US-PGPUB; USPAT	OR	OFF	2004/11/12 14:00
S25	1	("6645882").PN.	US-PGPUB; USPAT	OR	OFF	2004/11/12 14:00
S26	0	S25 and (capacitor dram)	US-PGPUB; USPAT	OR	ON	2004/11/12 14:13
S27	1	("6760492").PN.	US-PGPUB; USPAT	OR	OFF	2004/11/12 14:14
S28	1	S27 and (waveguide or (wave adj guide))	US-PGPUB; USPAT	OR	OFF	2004/11/12 14:38
S29	35	S2 and samsung	US-PGPUB; USPAT	OR	OFF	2004/11/12 14:46
S31	36	LEE-JONG-HO	US-PGPUB; USPAT	OR	OFF	2004/11/12 14:46
S32	36	(LEE-JONG-HO).in.	US-PGPUB; USPAT	OR	OFF	2004/11/12 14:48
S33	43	(HO-CHO JIN-SEUNG).in.	US-PGPUB; USPAT	OR	OFF	2004/11/12 14:49
S34	43	(HO-CHO JIN-SEUNG).in.	US-PGPUB; USPAT	OR	ON	2004/11/12 14:49
S35	11	((aluminum adj oxide) "al.sub.2 o.sub.3" alumina "al.sub.x O.sub.y") with (ALD with precursor)	US-PGPUB; USPAT	OR	OFF	2004/11/12 17:07
S36	15	(ALD with precursor) with ((hafnium adj oxide) "HfO.sub.2" "HfO")	US-PGPUB; USPAT	OR	OFF	2004/11/12 17:07
S37	14	((aluminum adj oxide) "al.sub.2 o.sub.3" alumina "al.sub.x O.sub.y") with (ALD with precursor)	US-PGPUB; USPAT	OR	ON	2004/11/12 19:16
S38	19	(ALD with precursor) with ((hafnium adj oxide) "HfO.sub.2" "HfO")	US-PGPUB; USPAT	OR	ON	2004/11/12 19:15
S39	7	tetramethylaluminum	US-PGPUB; USPAT	OR	ON	2004/11/12 17:21

S40	57	(tetramethylaluminum tma (tetra adj methyl adj aluminum) (tetramethyl adj aluminum)) with ALD	US-PGPUB; USPAT	OR	ON	2004/11/12 17:42
S41	3	S37 and S38	US-PGPUB; USPAT	OR	ON	2004/11/12 18:56
S42	73	(trimethylaluminum tma (tri adj methyl adj aluminum) (trimethyl adj aluminum)) with ALD	US-PGPUB; USPAT	OR	ON	2004/11/12 19:18
S43	52	S42 not (@ad>"20030630" or @rlad>"20030630")	US-PGPUB; USPAT	OR	OFF	2004/11/12 19:16
S44	3798	((aluminum adj oxide) "al.sub.2 o.sub.3" alumina "al.sub.x O.sub.y") and ((hafnium adj oxide) "HfO.sub.2" "HfO")	US-PGPUB; USPAT	OR	OFF	2004/11/12 17:44
S45	22	S43 and S44	US-PGPUB; USPAT	OR	OFF	2004/11/12 17:44
S46	4	S22 and ((precursor) with ((hafnium adj oxide) "HfO.sub.2" "HfO"))	US-PGPUB; USPAT	OR	ON	2004/11/12 17:50
S47	3	S41 and purge	US-PGPUB; USPAT	OR	ON	2004/11/12 18:59
S48	3	S41 and purg$	US-PGPUB; USPAT	OR	ON	2004/11/12 19:09
S49	1	("20030168750").PN.	US-PGPUB; USPAT	OR	OFF	2004/11/12 19:08
S50	14	S9 and purg$	US-PGPUB; USPAT	OR	ON	2004/11/12 19:09
S51	1	S49 and purg$	US-PGPUB; USPAT	OR	ON	2004/11/12 19:09
S52	1	("6645882").PN.	US-PGPUB; USPAT	OR	OFF	2004/11/12 19:09
S53	0	S52 and purg$	US-PGPUB; USPAT	OR	ON	2004/11/12 19:15
S54	40	(ALD same precursor) same ((hafnium adj oxide) "HfO.sub.2" "HfO")	US-PGPUB; USPAT	OR	ON	2004/11/12 19:25
S55	73	((aluminum adj oxide) "al.sub.2 o.sub.3" alumina "al.sub.x O.sub.y") same (ALD same precursor)	US-PGPUB; USPAT	OR	ON	2004/11/12 19:25
S56	10	S54 and S55	US-PGPUB; USPAT	OR	ON	2004/11/12 19:16
S57	10	S56 not (@ad>"20030630" or @rlad>"20030630")	US-PGPUB; USPAT	OR	OFF	2004/11/12 19:28
S58	7	S57 not S41	US-PGPUB; USPAT	OR	OFF	2004/11/12 19:17

S59	1	(trimethylaluminum tma (tri adj methyl adj aluminum) (trimethyl adj aluminum)) and S58	US-PGPUB; USPAT	OR	ON	2004/11/12 19:19
S60	0	S59 and ((purg$) with (nitrogen "n.sub.2"))	US-PGPUB; USPAT	OR	ON	2004/11/12 19:20
S61	4	S58 and ((purg$) with (nitrogen "n.sub.2"))	US-PGPUB; USPAT	OR	ON	2004/11/12 19:27
S62	4	S58 and ("hfcl.sub.4")	US-PGPUB; USPAT	OR	ON	2004/11/12 19:24
S63	51	(ALD same ("Hfcl.sub.4" precursor)) same ((hafnium adj oxide) "HfO.sub.2" "HfO")	US-PGPUB; USPAT	OR	ON	2004/11/12 19:25
S64	7503	((aluminum adj oxide) "al.sub.2 o.sub.3" alumina "al.sub.x O.sub.y") same (ALD same (tma trimethyl "alch.sub.3") precursor)	US-PGPUB; USPAT	OR	ON	2004/11/12 19:27
S65	112	((aluminum adj oxide) "al.sub.2 o.sub.3" alumina "al.sub.x O.sub.y") same (ALD same ((tma trimethyl "alch.sub.3") precursor))	US-PGPUB; USPAT	OR	ON	2004/11/12 19:27
S66	151	S63 or S65	US-PGPUB; USPAT	OR	ON	2004/11/12 19:27
S67	12	S63 and S65	US-PGPUB; USPAT	OR	ON	2004/11/12 19:27
S68	7	S67 and ((purg$) with (nitrogen "n.sub.2"))	US-PGPUB; USPAT	OR	ON	2004/11/12 19:27
S69	5	S68 not (@ad>"20030630" or @rlad>"20030630")	US-PGPUB; USPAT	OR	OFF	2004/11/12 19:53
S70	0	("10608103").PN.	US-PGPUB; USPAT	OR	OFF	2004/11/12 19:35
S71	1	10/608103	US-PGPUB; USPAT	OR	OFF	2004/11/12 19:36
S72	1	S71 and (clean$)	US-PGPUB; USPAT	OR	OFF	2004/11/12 19:36
S73	19	S7 and (clean$ with "nh.sub.4 oh" with "h.sub.2 o.sub.2" with "h. sub.2")	US-PGPUB; USPAT	OR	OFF	2004/11/12 20:04
S74	86	sc-1 with clean$ with ratio	US-PGPUB; USPAT	OR	OFF	2004/11/12 19:53
S75	18	sc-1 with clean$ with 1:4:20	US-PGPUB; USPAT	OR	OFF	2004/11/12 19:53
S76	91	S74 or S75	US-PGPUB; USPAT	OR	OFF	2004/11/12 19:53
S77	81	S76 and oxide	US-PGPUB; USPAT	OR	ON	2004/11/12 19:53
S78	63	S77 not (@ad>"20030630" or @rlad>"20030630")	US-PGPUB; USPAT	OR	OFF	2004/11/12 20:05

S79	294443	S7 or capacitor or dram	US-PGPUB; USPAT	OR	OFF	2004/11/12 19:54
S80	326899	S7 or capacitor or dram	US-PGPUB; USPAT	OR	ON	2004/11/12 19:54
S81	8	S80 and S78	US-PGPUB; USPAT	OR	ON	2004/11/12 19:54
S82	459	(clean$ with "nh.sub.4 oh" with "h.sub.2 o.sub.2" with "h.sub.2")	US-PGPUB; USPAT	OR	OFF	2004/11/13 00:43
S83	510	S76 or S82	US-PGPUB; USPAT	OR	OFF	2004/11/12 20:05
S84	488	S83 not (@ad>"20030630" or @rlad>"20030630")	US-PGPUB; USPAT	OR	OFF	2004/11/12 20:05
S85	191	(clean$ with "nh.sub.4 oh" with "h.sub.2 o.sub.2" with "h.sub.2") same oxide	US-PGPUB; USPAT	OR	OFF	2004/11/12 20:07
S86	33	(clean$ with "nh.sub.4 oh" with "h.sub.2 o.sub.2" with "h.sub.2") same (oxide with thickness)	US-PGPUB; USPAT	OR	OFF	2004/11/12 20:09
S87	0	(clean$ with "nh.sub.4 oh" with "h.sub.2 o.sub.2" with "h.sub.2") with (electrode plate) same (oxide with thickness)	US-PGPUB; USPAT	OR	OFF	2004/11/12 20:10
S88	11	(clean$ with "nh.sub.4 oh" with "h.sub.2 o.sub.2" with "h.sub.2") same (electrode plate) same (oxide with thickness)	US-PGPUB; USPAT	OR	OFF	2004/11/12 20:11
S89	133	(storage adj (electrode plate node)) with clean$	US-PGPUB; USPAT	OR	OFF	2004/11/12 20:12
S90	153	(storage adj (electrode plate node)) with clean$	US-PGPUB; USPAT	OR	ON	2004/11/12 20:17
S91	5	S90 and S83	US-PGPUB; USPAT	OR	ON	2004/11/12 20:12
S92	39546	(electrode plate node) with clean$	US-PGPUB; USPAT	OR	ON	2004/11/12 20:17
S93	55	S92 and S83	US-PGPUB; USPAT	OR	ON	2004/11/12 20:17
S94	14	S93 and (capacitor dram)	US-PGPUB; USPAT	OR	ON	2004/11/12 22:18
S95	1	(BOE or buffered adj oxide adj etch) same (RTO) same (node plate electrode)	US-PGPUB; USPAT	OR	ON	2004/11/12 22:19
S96	5	(BOE or buffered adj oxide adj etch) same (thermal adj oxide) same (node plate electrode)	US-PGPUB; USPAT	OR	ON	2004/11/12 22:20

S97	6	(BOE or (buffered adj oxide adj etch)) same (rto (thermal adj oxide)) same (node plate electrode)	US-PGPUB; USPAT	OR	ON	2004/11/12 22:22
S98	79	(BOE HF or (buffered adj oxide adj etch)) same (rto (thermal adj oxide)) same (node plate electrode)	US-PGPUB; USPAT	OR	ON	2004/11/12 23:25
S99	76	S98 not (@ad>"20030630" or @rlad>"20030630")	US-PGPUB; USPAT	OR	OFF	2004/11/12 23:26
S100	51	RCA same sc-1 same sc-2 same oxide	US-PGPUB; USPAT	OR	ON	2004/11/12 23:29
S101	45	S100 not (@ad>"20030630" or @rlad>"20030630")	US-PGPUB; USPAT	OR	OFF	2004/11/12 23:54
S102	20	sc-1 same (BOE HF (buffered adj oxide)) same (electrode capacitor plate node)	US-PGPUB; USPAT	OR	ON	2004/11/12 23:40
S103	12	sc-1 same (native adj oxide) same (electrode capacitor plate node)	US-PGPUB; USPAT	OR	ON	2004/11/12 23:45
S104	31	sc-1 same ((formation formed form forms forming) with oxide) same (electrode capacitor plate node)	US-PGPUB; USPAT	OR	ON	2004/11/12 23:46
S105	21	S104 not (@ad>"20030630" or @rlad>"20030630")	US-PGPUB; USPAT	OR	OFF	2004/11/12 23:53
S106	397	(BOE hf) same (RTO (rapid adj thermal))	US-PGPUB; USPAT	OR	ON	2004/11/12 23:54
S107	22	(BOE hf) with (RTO RTP (rapid adj thermal)) with oxide	US-PGPUB; USPAT	OR	ON	2004/11/13 00:03
S108	22	S107 not (@ad>"20030630" or @rlad>"20030630")	US-PGPUB; USPAT	OR	OFF	2004/11/13 00:04
S109	377	S106 not (@ad>"20030630" or @rlad>"20030630")	US-PGPUB; USPAT	OR	OFF	2004/11/13 00:03
S110	26	(BOE hf) with (RTO RTP (rapid adj thermal)) with (oxide oxidation oxidizing oxidize oxidized)	US-PGPUB; USPAT	OR	ON	2004/11/13 00:04
S111	26	S110 not (@ad>"20030630" or @rlad>"20030630")	US-PGPUB; USPAT	OR	OFF	2004/11/13 00:23
S112	4	S111 not S108	US-PGPUB; USPAT	OR	OFF	2004/11/13 00:22
S113	2	10/316874	US-PGPUB; USPAT	OR	OFF	2004/11/13 00:22
S114	143	park and sc-1	US-PGPUB; USPAT	OR	OFF	2004/11/13 00:45
S115	134	S114 not (@ad>"20030630" or @rlad>"20030630")	US-PGPUB; USPAT	OR	OFF	2004/11/13 00:46

S116	2	10/316874	US-PGPUB; USPAT	OR	OFF	2004/11/13 00:40
S117	2	10/316874	US-PGPUB; USPAT	OR	OFF	2004/11/13 00:40
S118	11	("20020160565" | "4423087" | "4437139" | "4471405" | "5643817" | "6346741" | "6436817" | "6486022" | "6486530" | "6509601" | "6541332").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/13 00:42
S119	0	S118 and sc-1	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/13 00:42
S120	0	S118 and "nh.sub.4 oh" with "h.sub.2 o.sub.2"	US-PGPUB; USPAT	OR	OFF	2004/11/13 00:43
S121	134	S114 not (@ad>"20030630" or @rlad>"20030630")	US-PGPUB; USPAT	OR	OFF	2004/11/13 00:46
S122	2	10/316874	US-PGPUB; USPAT	OR	OFF	2004/11/13 13:31
S123	1	("6706607").PN.	US-PGPUB; USPAT	OR	OFF	2004/11/13 13:30
S124	143	park and sc-1	US-PGPUB; USPAT	OR	OFF	2004/11/13 13:44
S125	11	("20020160565" | "4423087" | "4437139" | "4471405" | "5643817" | "6346741" | "6436817" | "6486022" | "6486530" | "6509601" | "6541332").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/13 13:34
S126	5	S125 and (sc-1 cleaning clean cleaned cleans)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/13 13:35
S127	134	S124 not (@ad>"20030630" or @rlad>"20030630")	US-PGPUB; USPAT	OR	OFF	2004/11/13 13:45
S128	1084	park and ((standard adj (clean cleans cleaning cleaned)) sc-1 RCA)	US-PGPUB; USPAT	OR	OFF	2004/11/13 13:45
S129	1043	S128 not (@ad>"20030630" or @rlad>"20030630")	US-PGPUB; USPAT	OR	OFF	2004/11/13 13:45
S130	909	S129 not S124	US-PGPUB; USPAT	OR	OFF	2004/11/13 13:45
S131	73	S130 and ("438"/$.ccls.)	US-PGPUB; USPAT	OR	OFF	2004/11/13 15:10
S132	2	"6645882"	US-PGPUB; USPAT	OR	OFF	2004/11/13 15:11
S133	2	S132 and temperature	US-PGPUB; USPAT	OR	OFF	2004/11/13 17:48

S13 4	29	(CHO-HO-JIN or JIN-SEUNG-WOOor KIM-BONG-SOO).in.	US-PGPUB; USPAT	OR	ON	2004/11/13 17:49
S13 5	33	(CHO-HO-JIN or JIN-SEUNG-WOO or KIM-BONG-SOO).in.	US-PGPUB; USPAT	OR	ON	2004/11/13 17:49